

**AMENDMENTS TO THE CLAIMS**

1. - 17. (Canceled)

18. (New) An isolated nucleic acid consisting of X nucleotides wherein the sequence of the nucleic acid comprises:

- (a) Y consecutive nucleotides of SEQ ID NO: 2240728;
- (b) a DNA equivalent of (a);
- (c) a sequence at least 80% identical to (a) or (b); or
- (d) the complement of any one of (a)-(c),

wherein,

X=16 to 120,

Y $\geq$ 16, and

X $\geq$ Y.

19. (New) The nucleic acid of claim 18, wherein the Y nucleotides comprises the sequence of SEQ ID NO: 8385.

20. (New) The nucleic acid of claim 18, wherein X=19 to 24 nucleotides.

21. (New) The nucleic acid of claim 18, wherein X=Y.

22. (New) The nucleic acid of claim 21, wherein the Y consecutive nucleotides is SEQ ID NO: 2240728.

23. (New) The nucleic acid of claim 21, wherein the Y consecutive nucleotides is SEQ ID NO: 8385.

24. (New) A vector comprising the nucleic acid of claim 18.

25. (New) A vector comprising the nucleic acid of claim 19.

26. (New) A vector comprising the nucleic acid of claim 20.

27. (New) A vector comprising the nucleic acid of claim 21.

28. (New) A vector comprising the nucleic acid of claim 22.

29. (New) A vector comprising the nucleic acid of claim 23.